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TO: Walter J. Williams, USAEC, Washington, D. C.

May 20, 1949

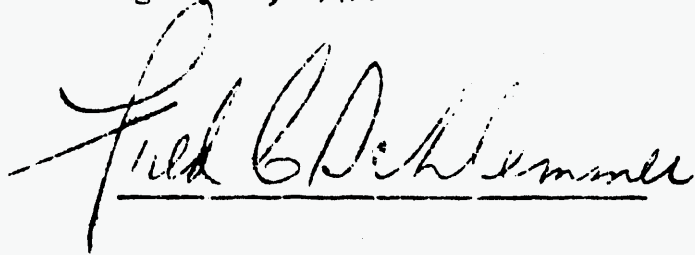
FROM: Fred C. Schlemmer, Manager, Hanford Operations
Office, Richland, Washington

EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 18, 1949

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SYMBOL: ICH:RWR

Enclosed is subject report for week ending May 18, 1949.


Fred C. Schlemmer

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EVENTS OF IMPORTANCE FOR WEEK ENDING MAY 18, 1949

Hanford Operations Office
Richland, Washington

I - ADMINISTRATION:

No significant events to report.

II - OPERATIONS:

Redox:

Representatives of the General Electric Company and the Hanford Operations Office are in New York during the week of May 16 to determine what portions of Kellex Job 11 process development and design should be incorporated in a dual-purpose Redox plant.

Carbon Dioxide in Pile Atmosphere:

The concentration of carbon dioxide in the F Pile atmosphere was increased to 60% during the past week. Vertical expansion of the F Pile appears to have leveled off, but data is not conclusive on sidewise expansion.

Increased Operating Level:

The D Pile is scheduled to go to an operating level of 290 MW on May 22 in accordance with plans for increased power level.

III - CONSTRUCTION:

Process Areas:

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100 (Pile) Areas:

100-H - Graphite packing in the 105-H Building was completed May 17. Work on the Combined Shops, Building 1717, is still being held in abeyance pending a possible reduction in size. The 100-H Area is now 79% complete, and 105-H is 66% complete.

P-10-A - This project is 38% complete.

100 Areas, General - Plans are approved and grading is under way for the experimental animal farm in 100-F Area. The old refrigeration foundations in the 189-F Building are 100% removed. Equipment



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removal from the 108-F Biology Building is 40% complete; no work has been commenced on the remodeling of this building.

200 (Separation) Areas:

234-5 - The 234-5 Building has been given a final inspection except for refrigeration room #36. The balancing of the ventilation system is progressing slowly because of structural weakness in some dampers and duct work. Outside facilities have been completed with minor exceptions.

Waste Storage - The 241-BY tank farm is now 82.2% complete and ahead of schedule. Eight domes have been poured, five stripped; eleven tanks have their first coat of paint, and four have had membrane applied. The last dome should be poured by May 27.

300 (Metal Fabrication) Area:

Personnel Meter Records Building - Bids for this building were opened May 10, and a low bid of \$113,853 was made. It is expected that an award on this basis will be recommended and approved.

Experimental Metallurgical Laboratory - A field release to start this project was issued May 9, but work has not yet commenced.

321 Building - Rehabilitation of this building is now 55% complete; repair to explosion damage is 98% complete.

Richland Village:

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Hospital Addition - This entire project is under review by AEC for possible revision in scope of work.

Commercial Areas - The north commercial area was inspected and accepted May 11; work included grading, catch basins, hydrants, and work of a general nature between Symons and Williams Streets. Plans for the continuation of the light industrial area, including the cleaning plant, are being reviewed for approval.

Planting and Seeding - Village seeding operations are being hampered by a lack of water due to repairs to the irrigation supply. The contractor has been requested to submit a new schedule.

Southern Railroad Connection - The construction cost estimates of the railroad connection are still being reviewed by General Electric. Plans, specifications, and contract documents were issued May 17 for invitation to bid. Elimination of the county road overpass was approved by the Corps of Engineers.

Yakima River Bridge - The Bailey Bridge was launched May 13. The spans are 95% complete, and the structure is expected to be ready for use about May 24.



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Columbia River - A heavy rise in the river elevation to 344.3' as of the morning of May 18 occurred during the week. A leveling off is expected with a rise of 1½' expected during the next two days. Last years peak was 357.1' on June 12.

Sewage Disposal Plant - Grouting under the secondary digester was completed May 13 and under the primary digester May 17. Both digester floors are to be painted, and leaks found in the primary concrete dome are to be sealed by painting.

Water Supply - Wells at both the Newport, Kern & Kibbe and Atkinson-Jones pits show marked increases in yield as the pit water levels are raised. Maximum water consumption per day was a little over 14 MG. Sewage plant flow averages over 3 MG per day.

General - Representatives of the AEC have been requested by the Walla Walla District, Corps of Engineers, to attend a meeting in Walla Walla on May 20 to discuss construction drawings recently issued on the permanent Richland levee system.

Personnel:

There are approximately 454 architect-engineer (less Turnbull) and 6,891 construction employees on the pay roll. Construction camp population is 7,092, and there are 653 trailer spaces available for assignment.

IV - VISITORS:

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Mr. Ivan G. Smith, of the Walla Walla District, Corps of Engineers, was here May 11, 1949, to determine the extent of the AEC-owned property along the Yakima River.

Mr. George Shegog, of the firm of Lybrand, Ross and Montgomery, Washington, D. C., was here Monday, May 16, in regard to the Plant Appraisal Program.

Fred Ochlerman



END

**DATE
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